

CONTRACT DATA REQUIREMENTS LIST (1 Data Item)						Form Approved OMB No. 0704-0188				
Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0704-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington VA 22202-4302. Please DO NOT RETURN your form to either of these address. Send completed form to the Government issuing Contracting Officer for the Contract/PR No. Listed in Block E.										
A. CONTRACT LINE ITEM NO. 0007AA		B. EXHIBIT A		C. CATEGORY TDF _____ TM _____ OTHER MISC						
D. SYSTEM/ITEM RAE TOWERS AND BRIDGE			E. CONTRACT/PR NO. TBD			F. CONTRACTOR TBD				
1. DATA ITEM NO. A001	2. TITLE OF DATA ITEM CERTIFICATION/DATA REPORT					3. SUBTITLE SHIPPING PLAN				
4. AUTHORITY (Data Acquisition Document No.) DI- MISC-80678			5. CONTRACT REFERENCE Drawing 2370-1835			6. REQUIRING OFFICE PSNS C/380.2				
7. DD 250 REQ N/A	9. DIST STATEMENT REQUIRED N/A	10. FREQUENCY SEE BLK 16		12. DATE OF FIRST SUBMISSION SEE BLK 16		14. DISTRIBUTION				
8. APP CODE A		11. AS OF DATE N/A		13. DATE OF SUBSEQUENT SUBMISSION N/A		A. ADDRESSEE		b. COPIES		
								Draft		Final Reg Repr
BLOCKS 3: THE CONTRACTOR SHALL SUBMIT A SHIPPING AND OFF-LOADING PLAN FOR DELIVERY OF TOWERS AND BRIDGE TO PSNS BREMERTON WA. AS REQUIRED BY DRAWING 2370-1835, para 10, SHEET 3.						NAVSEA 04XI PESO		1	1	0
						PSNS C/380.2		1	1	0
BLOCK 8: SHIPPING AND OFF-LOADING PLAN SHALL BE SUBMITTED FOR GOVERNMENT APPROVAL. APPROVAL WILL BE BASED ON TECHNICAL CONTENT AND COMPLIANCE WITH REQUIREMENTS.										
BLOCKS 10 AND 12: THE SHIPPING PLAN SHALL BE SUBMITTED 30 DAYS PRIOR TO SHIPMENT OF THE BRIDGE AND TOWERS. THE GOVERNMENT WILL HAVE 14 DAYS TO REVIEW. THE CONTRACTOR SHALL HAVE 7 DAYS TO REVISE AND RESUBMIT. THE SHIPPING PLAN SHALL BE ACCEPTED BY THE GOVERNMENT PRIOR TO THE START SHIPMENT.										
BLOCK 14: THE SHIPMENT PLAN SHALL BE DELIVERED IN UNPROTECTED, SEARCHABLE PDF FORMAT AS AN EMAIL ATTACHMENT TO ALL ADDRESSEES.										
						TOTAL		2	2	0
G. PREPARED BY Mike Wood		H. DATE 13 Nov 2014		H. APPROVED BY		J. DATE				

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A. CONTRACT LINE ITEM NO. 0007AB		B. EXHIBIT A		C. CATEGORY TDF _____ TM _____ OTHER X (GDRQ)					
D. SYSTEM/ITEM RAE TOWERS AND BRIDGE			E. CONTRACT/PR NO. TBD		F. CONTRACTOR TBD				
1. DATA ITEM NO. A002	2. TITLE OF DATA ITEM Design Data and Calculations				3. SUBTITLE Buckling-Restrained Brace Calculations				
4. AUTHORITY (Data Acquisition Document No.) DI-GDRQ-80650			5. CONTRACT REFERENCE Drawing 2370-1835		6. REQUIRING OFFICE PSNS C/380.2				
7. DD 250 REQ N/A	9. DIST STATEMENT REQUIRED N/A	10. FREQUENCY OTIME	12. DATE OF FIRST SUBMISSION SEE BLK 16		14. DISTRIBUTION				
8. APP CODE A		11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION N/A		A. ADDRESSEE		b. COPIES		
							Final		
					Draft		Reg		
							Repr o		
<p>16.</p> <p>BLOCK 3: CONTRACTOR SHALL PROVIDE CALCULATIONS SHOWING THE ADEQUACY OF PROPOSED BUCKLING RESTRAINED BRACES (BRB's) TO ACHIEVE PERFORMANCE REQUIREMENTS SPECIFIED. THE BRB CALCULATIONS AND DETAILING SHALL CONFORM TO THE REQUIREMENTS OF ANSI/AISC 341-10 SECTION F4 AND AISC LOAD RESISTANCE FACTOR DESIGN (LRFD) CRITERIA AS REQUIRED BY DRAWING 2370-1835, SHEET 2, EE BUCKLING RESTRAINED BRACES.</p> <p>BLOCK 8: BUCKLING-RESTRAINED BRACE CALCULATIONS SHALL BE SUBMITTED FOR GOVERNMENT APPROVAL. APPROVAL WILL BE BASED ON TECHNICAL CONTENT AND COMPLIANCE WITH REQUIREMENTS. THE GOVERNMENT WILL HAVE 14 CALENDAR DAYS FOR REVIEW. THE CONTRACTOR SHALL HAVE 7 CALENDAR DAYS TO REVISE (IF REQUIRED) AND RESUBMIT FOR A NEW REVIEW.</p> <p>BLOCKS 11 AND 12: WRITTEN CALCULATIONS SHALL BE PROVIDED 30 DAYS PRIOR TO THE START OF THE MANUFACTURE OF THE BUCKLING RESTRAINED BRACES (BRB's).</p> <p>BLOCK 14: THE CALCULATIONS SHALL BE PROVIDED IN ELECTRONIC UNPROTECTED SEARCHABLE PDF FORMAT WITH EMAIL NOTIFICATION TO ALL ADDRESSEES.</p> <p>NAVSEA 04XI PESO: Robert Dollar Plant Equipment Support Office 757-396-5790, robert.dollar@navy.mil</p> <p>Mr. Michael Wood Code 380.2MW Puget Sound Naval Shipyard & Intermediate Maintenance Facility Bldg. 448, 2nd flr Room 232 1400 Farragut Ave. Bremerton, WA. 98314-5001 michael.j.wood@navy.mil</p>					NAVSEA 04XI PESO		1	1	0
					PSNS C380.2		1	1	0
G. PREPARED BY Mike Wood		H. DATE 13 Nov 2014		H. APPROVED BY		J. DATE			

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

[illegible]

[illegible]

[illegible]

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A. CONTRACT LINE ITEM NO. 0007AM		B. EXHIBIT A		C. CATEGORY TDF _____ TM _____ OTHER MISC						
D. SYSTEM/ITEM RAE TOWERS AND BRIDGE			E. CONTRACT/PR NO. TBD			F. CONTRACTOR TBD				
1. DATA ITEM NO. A012	2. TITLE OF DATA ITEM CERTIFICATION/DATA REPORT					3. SUBTITLE CERTIFICATIONS				
4. AUTHORITY (Data Acquisition Document No.) DI-MISC-80678			5. CONTRACT REFERENCE DRAWING 2370-1835			6. REQUIRING OFFICE PSNS C/380.2				
7. DD 250 REQ N/A	9. DIST STATEMENT REQUIRED N/A	10. FREQUENCY OTIME		12. DATE OF FIRST SUBMISSION SEE BLK 16		14. DISTRIBUTION				
8. APP CODE N/A		11. AS OF DATE SEE BLK 16		13. DATE OF SUBSEQUENT SUBMISSION N/A		A. ADDRESSEE		b. COPIES		
								Draft	Final Reg Repr	
BLOCK 3: THE CONTRACTOR SHALL PROVIDE THE FOLLOWING CERTIFICATIONS FOR THE RAE TOWERS AND BRIDGES: a) PRIOR TO SHIPMENT OF THE BUCKLING-RESTRAINED BRACES (BRBS) FROM BRB MANUFACTURER, WELDING CERTIFICATES FOR THE BUCKLING-RESTRAINED BRACES (BRBS) AS REQUIRED BY SECTION 3, SHEET 2. b) PAINTING CERTIFICATES: PRIOR TO SHIPMENT OF THE BUCKLING-RESTRAINED BRACES (BRBS) FROM BRB MANUFACTURER, PROVIDE DOCUMENTATION IDENTIFYING PAINTING SYSTEM(S) APPLIED TO BUCKLING-RESTRAINED BRACES (BRBS) AND DRY FILM THICKNESS (DFT) OF APPLIED COATINGS. c) PRIOR TO START OF CONSTRUCTION PROVIDE CERTIFICATION THAT STRUCTURAL STEEL FABRICATORS ARE CERTIFIED TO THE AISC 201 STANDARD FOR STEEL BUILDING STRUCTURES (STD) AS REQUIRED BY SECTION 12, PARA 4, SHEET 4. d) PRIOR TO START OF CONSTRUCTION ERECTORS SHALL PROVIDE CERTIFICATION OF PARTICIPATION IN AISC ERECTOR CERTIFICATION PROGRAM AND BE CERTIFIED AS AN AISC CERTIFIED STEEL ERECTOR (CSE) AS REQUIRED BY SECTION 12, PARA 5, SHEET 4. BLOCK 11 & 12: THE MANUFACTURER SHALL PROVIDE CERTIFICATIONS PRIOR TO START OF CONSTRUCTION OF TOWERS AND BRIDGES BLOCK 14: THE CERTIFICATIONS SHALL BE PRESENTED IN UNPROTECTED, SEARCHABLE PDF FORMAT AS AN EMAIL ATTACHMENT TO ALL ADDRESSEES. NAVSEA 04XI PESO Robert Dollar Plant Equipment Support Office 757-396-5790, robert.dollar@navy.mil Mr. Michael Wood Bldg. 448 Room 232 ATTN: Code 380.2 Puget Sound Naval Shipyard & Intermediate Maintenance Facility 1400 Farragut Ave. Bremerton, WA. 98314-5001 michael.j.wood@navy.mil						NAVSEA 04XI PESO		0	1	0
						PSNS C/380.2		0	1	0
						TOTAL		0	2	0
G. PREPARED BY Mike Wood			H. DATE 18 Nov 2014		H. APPROVED BY			J. DATE		

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A. CONTRACT LINE ITEM NO. 0007AN			B. EXHIBIT A			C. CATEGORY TDF _____ TM _____ OTHER X (NDTI)									
D. SYSTEM/ITEM RAE TOWERS AND BRIDGE				E. CONTRACT/PR NO. TBD				F. CONTRACTOR TBD							
1. DATA ITEM NO. A013		2. TITLE OF DATA ITEM TEST/INSPECTION REPORT					3. SUBTITLE TEST REPORTS								
4. AUTHORITY (<i>Data Acquisition Document No.</i>) DI-NDTI-80809B				5. CONTRACT REFERENCE DRAWING 2370-1835				6. REQUIRING OFFICE PSNS & IMF C/380.2							
7. DD 250 REQ N/A		9. DIST STATEMENT REQUIRED N/A		10. FREQUENCY OTIME		12. DATE OF FIRST SUBMISSION SEE BLK 16		14. DISTRIBUTION							
8. APP CODE A				11. AS OF DATE SEE BLK 16		13. DATE OF SUBSEQUENT SUBMISSION N/A		A. ADDRESSEE		b. COPIES					
										Draft		Final Reg Repr			
16. BLOCK 3: THE CONTRACTOR SHALL PROVIDE THE FOLLOWING TEST REPORTS FOR THE RAE TOWERS AND BRIDGE: a) PROVIDE COPIES OF MATERIAL TEST REPORTS IN ACCORDANCE WITH SECTION A3.1 OF ANSI/AISC 360 AS REQUIRED BY SECTION 12, PARA 10, SHEET 4. b) COPIES OF MATERIAL TEST REPORTS OR MANUFACTURER'S CERTIFICATIONS PROVIDING EVIDENCE THAT HIGH STRENGTH BOLTS, NUTS, WASHERS, AND DIRECT TENSION INDICATORS (DTI'S) CONFORM TO THE ASTM CRITERIA AS REQUIRED BY SECTION 12, PARA 11, SHEET 4. c) QUALIFICATION TESTING REPORT: SUBMIT BUCKLING-RESTRAINED BRACES (BRBS) QUALIFICATION TESTING REPORT PRIOR TO SHIPMENT OF THE BUCKLING-RESTRAINED BRACES (BRBS) FROM BRB MANUFACTURER. THE REPORT SHALL CONFORM TO REQUIREMENTS OF APPENDIX K3 OF ANSI/AISC 341-10. EXCEPTION: QUALIFICATION OF (BRBS) IN ACCORDANCE WITH APPENDIX T OF ANSI/AISC 341-05 IS CONSIDERED EQUIVALENT TO APPENDIX K3 OF ANSI/AISC 341 (2010) FOR BRBS PROCURED AS REQUIRED BY SECTION 3.AA, PARA 5.f, SHEET 2.								PSNS C/380.2		1		1		0	
								NAVSEA 04XI PESO		1		1		0	
BLOCK 11 & 12: THE MANUFACTURER SHALL PROVIDE CERTIFICATIONS PRIOR TO THE START OF CONSTRUCTION OF THE TOWERS AND BRIDGES – (SEE BLOCK 3). BLOCK 14: THE CERTIFICATIONS SHALL BE PROVIDED ELECTRONICALLY IN UNPROTECTED, SEARCHABLE PDF FORMAT AS AN EMAIL ATTACHMENT TO ALL ADDRESSEES. NAVSEA 04XI PESO: Robert Dollar Plant Equipment Support Office 757-396-5790, robert.dollar@navy.mil Mr. Michael Wood Code 380.2MW Puget Sound Naval Shipyard & Intermediate Maintenance Facility Bldg. 448, 2nd flr Room 232 1400 Farragut Ave. Bremerton, WA. 98314-5001 michael.j.wood@navy.mil															
TOTAL								2		2		0			
G. PREPARED BY Mike Wood				H. DATE 18 Nov 2014				J. APPROVED BY				J. DATE			

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A. CONTRACT LINE ITEM NO. 0007AP		B. EXHIBIT A		C. CATEGORY TDP _____ TM X OTHER _____			
D. SYSTEM/ITEM RAE TOWERS AND BRIDGE			E. CONTRACT/PR NO. TBD		F. CONTRACTOR TBD		
1. DATA ITEM NO. A014		2. TITLE OF DATA ITEM Commercial Off-The-Shelf (COTS) Manuals and Associated Supplemental Data			3. SUBTITLE Product Data		
4. AUTHORITY (Data Acquisition Document No.) DI-TMSS-80527C			5. CONTRACT REFERENCE DRAWING 2370-1835		6. REQUIRING OFFICE PSNS&IMF C/380.2		
7. DD 250 REQ N/A		9. DIST STATEMENT REQUIRED N/A		10. FREQUENCY OTIME		12. DATE OF FIRST SUBMISSION SEE BLOCK 16	
8. APP CODE A		11. AS OF DATE SEE BLOCK 16		13. DATE OF SUBSEQUENT SUBMISSION N/A		14. DISTRIBUTION See Block 16	
16. REMARKS BLOCK 3: THE CONTRACTOR SHALL PROVIDE PRODUCT DATA FOR EACH TYPE OF COATING PROPOSED AS REQUIRED BY SECTION 12, PARA 2. SHALL INCLUDE VENDOR NAME/FORMULA OF COATING SELECTED, PREPARATION AND APPLICATION INSTRUCTIONS FROM VENDOR INCLUDING, MSDS, VOC, LEAD/CHROMATES, AND ANY INFORMATION DOCUMENTING CONFORMANCE WITH THE SPECIFIED REQUIREMENTS FOR GOVERNMENT REVIEW. DATA SHALL BE IN THE CONTRACTOR'S FORMAT. BLOCK 8: PRODUCT DATA SHALL BE SUBMITTED FOR GOVERNMENT APPROVAL. APPROVAL WILL BE BASED ON TECHNICAL CONTENT AND COMPLIANCE WITH REQUIREMENTS. THE GOVERNMENT WILL HAVE 14 CALENDAR DAYS FOR REVIEW. THE CONTRACTOR SHALL HAVE 7 CALENDAR DAYS TO REVISE (IF REQUIRED) AND RESUBMIT FOR A NEW REVIEW. BLOCK 11 and 12: PRODUCT DATA SHALL BE PROVIDED NOT LESS THAN (14) DAYS PRIOR TO THE START OF CONSTRUCTION OF THE TOWERS AND BRIDGES. BLOCK 14: PRODUCT DATA SHALL BE PROVIDED ELECTRONICALLY IN UNPROTECTED, SEARCHABLE PDF FORMAT AS AN EMAIL ATTACHMENT TO ALL ADDRESSEES. NAVSEA 04XI PESO: Robert Dollar Plant Equipment Support Office 757-396-5790, robert.dollar@navy.mil Mr. Michael Wood Code 380.2MW Puget Sound Naval Shipyard & Intermediate Maintenance Facility Bldg. 448, 2nd flr Room 232 1400 Farragut Ave.						17. PRICE GROSS	
						A. ADDRESSEE	
						b. COPIES	
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						Repr	
						Final	
						PSNS Code 380.2	
						1	
						1	
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						TOTAL	
						1	
						1	
						0	
G. PREPARED BY Mike Wood		H. DATE 20 Nov 2014		I. APPROVED BY		J. DATE	

[illegible]

DATA ITEM DESCRIPTION

Title: Commercial Off-The-Shelf (COTS) Manuals and Associated Supplemental Data

Number: DI-TMSS-80527C

Approval Date: 20110812

AMSC Number: 9207

Limitation: No

DTIC Applicable: No

GIDEP Applicable: No

Office of Primary Responsibility: TM

Applicable Forms: None

1 **Use/relationship.** Commercial Off-the-Shelf Manuals may be used as is or with supplementation to support COTS equipment used by DOD. This DID is used to:

a. Acquire associated supplemental data.

This DID contain the format, content, and intended use information for the data deliverable(s).

2 **Requirements:**

2.1 Content. The manual shall contain all technical information on the assembly, installation, operation, parts, and maintenance of commercial equipment.

2.2 Evaluation. The manual(s) shall be reviewed for acceptability by the receiving activity.

2.3 Supplementation. The manual(s) may be supplemented with additional data to comply with the contract (any data that augments or compliments a commercial off-the-shelf manual whether by change, correction, or addition to make the manual acceptable for use by the Department of Defense).

2.4 Format. Supplemental data shall be in the format specified by the contracting activity.

2.5 Digital files. Interactive Electronic Technical Manuals (IETMs) or PDFs are preferred for electronic COTS manuals.

2.6 PDF Files. PDF files shall be searchable, capable of having links added, and have fonts embedded.

2.7 Paper manuals. If paper manuals are acquired, the data shall be clearly legible and on paper of sufficient quality for long term use.

3 **End of DI-TMSS-80527C**

Page 2 of 2 Pages

DATA ITEM DESCRIPTION

Title: Acceptance Test Plan

Number: DI-QCIC-80553A

AMSC Number: 7641

DTIC Applicable: No

Office of Primary Responsibility: NS/DA02

Applicable Forms: N/A

Approval Date: 14 Nov 2006

Limitation: N/A

GIDEP Applicable: No

Use/relationship: The Acceptance Test Plan details the criteria, performance objectives and list of tests to be performed by the contractor for acceptance tests on systems and equipments.

This Data Item Description (DID) contains format and content preparation instructions for the data product generated by the specific and discrete task requirement as delineated in the contract.

Requirements:

- 1 Format. The plan shall be in contractor's format.
- 2 Contents. The plan shall contain the following:
 - 2.1 Overview. Consists of a brief description of the objectives of the acceptance test plan, including flow diagrams, milestones, personnel participation, and security requirements. This section shall include the following:
 - 2.1.1 Flow diagram. A functional description of the acceptance test program using a block diagram portrayal of the functions that must be met to satisfy the total acceptance program. Functions shall be numbered 1.0, 2.0, 3.0, etc.
 - 2.1.2 Milestones. Identifies the start and expected completion dates of each test to be performed.
 - 2.1.3 Participation. Identifies the Government and Contractor participation roles and responsibilities.
 - 2.2 Master test list. Lists all tests to be accomplished in the order they are to be performed. Separated listings for each location shall be provided. These listings shall include the following:
 - 3.2.1 Facility. Location where the acceptance test is to be performed.
 - 3.2.2 Item number. Number for each piece of equipment or item, test will be performed.
 - 3.2.3. Test description. Name and brief description of test to be performed.
 - 3.2.4. Parameters. The number of cycles the test will be performed and selected parameters to be observed.
 - 3.2.5. Equipment location. Current location of equipment to be tested or used in the acceptance test.
 - 3.2.6. Special tests. A provided list of special or unusual tests and examinations necessary to verify satisfactory equipment performance to specifications.
- 3 Equipment list. The equipment list shall list all equipment to be used in the acceptance test. The listing shall include the following:
 - 3.1 Test equipment. List all test equipment by:
 - a. Description
 - b. Nomenclature
 - c. Serial number
 - 3.2 Support equipment. List all support equipment by:
 - a. Description
 - b. Nomenclature
 - c. Serial number
 - 3.3 Special test equipment. List all special test equipment required to be designed or constructed for use on the program by:
 - a. Description.
 - b. Nomenclature.
 - c. Date required.
- 4 Validation procedure. An overview of the procedures that the contractor will use to validate the test results.
- 5 END OF DI-QCIC-80553A.

DATA ITEM DESCRIPTION

Title: Design Data and Calculations

Number: DI-GDRQ-80650

AMSC Number: N4493

DTIC Applicable: N/A

Office of Primary Responsibility: NAVSEA 55Z3

Applicable Forms: N/A

Approval Date: 18 July 1988

Limitation: N/A

GIDEP Applicable: N/A

Distribution Statement A: Approved for public release, distribution is unlimited.

Description/Purpose: This type data consists of graphs, mathematical curves, analysis, tables and empirical data which reflect quantitatively the design and capabilities of the equipment.

The purpose of this type data is to enable the Government to verify that the equipment being furnished and represented by this type data is in accordance with the requirements of the contract.

Application/Interrelationship: This Data Item Description (DID) contains the format and content preparation instructions for the data product generated by the specific and discrete task requirement as delineated in the contract.

The applicable specification containing the technical content for the design data and calculations shall be stated in Block 16 of the DD Form 1423, Contract Data Requirements List.

This DID is applicable whenever calculations are required for evaluation and verification of the design capabilities of equipment.

Requirements:

1. **Format.** The Design Data and Calculations shall be in contractor format.
2. **Content.**

General content. The Design Data and Calculations shall contain sufficient information to ensure that the contractor has met or exceeded all the requirements of the contract. Data shall include:

- a. Complete narrative
- b. Graphs
- c. Mathematical curves
- d. Tables
- e. Empirical data required to evaluate the equipment as specified in the contract.

3. **End of DI-GDRQ-80650**

DATA ITEM DESCRIPTION

Title: Engineering Drawings

Number: DI-DRPR-80651

AMSC Number: N4494

DTIC Applicable: N/A

Office of Primary Responsibility: N/SEA 55Z3

Applicable Forms: N/A

Distribution Statement A: Approved for public release, distribution is unlimited.

Approval Date: 880718

Limitation: N/A

GIDEP Applicable: N/A

Description/Purpose: The Engineering Drawings are the documentation necessary to satisfy the Government's requirements of Level 1 (Conceptual and Developmental Design); Level 2 (Production Prototype and Limited Production); and Level 3 (Production), as defined in DOD-D-1000.

Application/Interrelationship: This Data Item Description (DID) contains the format and content preparation instructions for engineering drawings generated by the specific and discrete task requirement as delineated in the contract. The applicable specification containing the technical content for the engineering drawings shall be stated in Block 16 of the DD Form 1423, Contract Data Requirements List.

Preparation Instructions:

- 1 Reference Documents. The applicable issue of the documents cited herein, including their approval dates and dates of any applicable amendments, notices, and revisions, shall be as specified in the contract.
- 2 Technical Content. Technical content shall be in accordance with DD Form 1423, Contract Data Requirements List.

DATA ITEM DESCRIPTION

Title: Certification/Data Report

Number: DI-MISC-80678

AMSC Number: N4533

DTIC Applicable: N/A

Office of Primary Responsibility: N/SEA 55Z3

Distribution Statement A: Approved for public release; distribution is unlimited

Applicable Forms: N/A

Approval Date: 880912

Limitation: N/A

GIDEP Applicable: N/A

Description/Purpose: Certification data is required to verify that specific qualifications have been obtained, tests have been performed, parts/assemblies/equipment/systems have been installed, tested, inspected and are ready for operation; that personnel have specific qualifications to perform assignments/operations/inspections; or to certify identity, interchangeability, compatibility, reliability, or completeness of documentation being prepared or reviewed by a contractor. The technical effort involved shall be the result of equipment/procurement specification requirements.

Application/Interrelationship: Certification may be required for a single event/operation, or may be required for a specified time period, or certification may be required on a continuing basis with periodic re-certification or updating of the original certification.

The technical content requirements for this item shall be specified in the contract.

Requirements:

- 1 Format: The report shall be typewritten in narrative format on the contractor's form.
- 2 Content: The report shall contain the contract number and data item sequence number, and shall contain a statement that specifically identifies the purpose and applicability of this certification.
 - 2.1 Certification of completion: Certification that tests have been performed, inspections made, parts/assemblies/equipment/systems have been installed, tested, inspected, and area ready for operation, or that specific qualifications have been obtained shall provide objective evidence in support of the certification. Objective evidence may include such items as spectrographs, radiographs, material sampling, analysis, inspection and testing reports, or any other necessary documentation.
 - 2.2 Certification of personnel: Certifications that personnel have specific qualifications shall be supported by licenses, permits, tests, statements of competency, or other documentation. The specific capabilities to perform an assignment, inspection, or other operations shall be stated in the certification.
 - 2.3 Certification of data reviews: Certifications that documentation/data has been reviewed shall contain a statement of the "depth" of the examination and the results thereof. If the documentation being reviewed cannot be certified, the report shall so state and shall list the reasons, i.e., deficiencies, conflicting data, etc.
 - 2.4 Certification of compliance: Certification of compliance to specific specification requirements shall be a statement to the effect that the contractor has complied.
- 3 Technical content:
 - 3.1 The technical content shall be as specified on the DD Form 1423, Contract Data Requirements List.
 - 3.2 Signature: The certification report shall be signed by the contractor's authorized representative responsible for insuring that the equipment being delivered/service being performed is in accordance with contract requirements.

DATA ITEM DESCRIPTION

Title: Test/Inspection Report

Number: DI-NDTI-80809B

AMSC Number: N/A

DTIC Applicable: N/A

Office of Primary Responsibility: F/AFMC-DOP

Applicable Forms: N/A

Approval date: 970124

Limitation: N/A

GIDEP Applicable: N/A

Distribution Statement A: Approved for public release. Distribution is unlimited.

Description/Purpose: The test/inspection report is used to document test/inspection results, findings, and analyses that will enable the Government or Contracting Agency to evaluate compliance with system requirements, performance objectives, specifications, and test/inspection plans.

Application/interrelationship: This Data Item Description (DID) contains the format and content preparation instructions for the data product generated by the specific and discrete task requirement as delineated in the contract.

This DID is applicable to engineering (developmental), preliminary qualification, qualification, and acceptance testing.

Requirements:

- 1 Format. Contractor format is acceptable. Organize the information required by paragraph 2 and its subparagraphs in a manner that facilitates presentation and understanding.
- 2 Content. The test/inspection report shall contain the following information, as applicable.
 - 2.1 The following information shall appear on the outside front cover and title page:
 - a. Report date
 - b. Report number (contractor or Government)
 - c. Contractor's name, address, and commercial and Government code
 - d. Contract number and contract line item number or sequence number (if applicable)
 - e. Type of test/inspection (for example, first article acceptance test, quality performance inspection, developmental test, qualification test, environmental test)
 - f. Identification of item tested/inspected
 - g. Date or period of test/inspection
 - h. Name and address of requiring Government activity
 - i. Security classification, downgrading and declassifying information, if applicable
 - 2.2 Table of Contents. The table of contents shall identify the following:
 - a. The title and starting page of each major section, paragraph, and appendix of report
 - b. The page, identifying number, and title of each illustration (for example; figure, table, photograph, chart, drawing, etc.)
 - 2.3 Introduction. The introduction shall include the following information:
 - 2.3.1 Test/inspection objective(s). The specific test/inspection objective(s) as specified in the contract tasking document.
 - 2.3.2 Item(s) tested/inspected. Complete identification of the item(s) tested/inspected including the following:
 - a. Nomenclature
 - b. National stock number
 - c. Model number, part number, and serial number
 - d. Type of item (for example; prototype, production item, laboratory model)
 - e. Serial or lot number

- f. Applicable engineering changes
 - g. Production item specification, if applicable
 - h. Date of manufacture
- 2.3.3 Test/inspection requirements. Complete identification of the test/inspection requirements correlated to contractual requirements including the following:
 - a. Required test/inspection parameters
 - b. Performance requirements, acceptance or compliance limits, and environmental criteria
- 2.4 Summary. Complete test/inspection report summary including the following:
 - a. A brief discussion of the significant test/inspection results, observations, conclusions, and recommendations covered in greater detail elsewhere in the report
 - b. Proposed corrective actions and schedules for failures or problems encountered
 - c. Identification of deviations, departures, or limitations encountered, referenced to the contract requirements
 - d. Tables, graphs, illustrations, or charts as appropriate to simplify the summary data
- 2.5 Referenced documents. Complete identification of all documents referenced in the test/inspection report including the following, as applicable:
 - a. Prior test/inspection reports on the same item
 - b. Test/inspection plans and procedure documents
 - c. Prior certifications of compliance
 - d. Contractor's file designation where test/inspection records are maintained
 - e. Input parameters used

Note: The applicable issue of the documents cited therein, including their approval dates and dates of any applicable amendments, notices, and revisions, shall be as specified in the contract.

- 2.6 Body of report. The body of the test/inspection report shall be as follows:
 - 2.6.1 Test equipment identification. Complete identification of each item of test equipment used in the test/inspection including the following:
 - a. Nomenclature
 - b. Model number
 - c. Serial number
 - d. Manufacture
 - e. Calibration status
 - f. Accuracy data
 - g. Comments, if applicable
 - 2.6.2 Test/inspection facility installation and set-up. Complete description of the physical set-up used in conducting the test/inspection to include the following:
 - a. Location or orientation of the item
 - b. Location, orientation, or settings of test equipment and instrumentation
 - c. Location, orientation, or settings of sensors and probes
 - d. Location or orientation of interconnections, cables, and hoop-ups
 - e. Electrical power, pneumatic, fluidic, and hydraulic requirements

Drawings, illustrations, and photographs may be used for clarification

- 2.6.3 Test/inspection procedures. Complete description of the procedures used in conducting the test/inspection to include the following:
 - a. Item selection and inspection that verified suitability for test/inspection
 - b. Summarized sequence of testing/inspection steps, including a description of how the item was operated during the test/inspection, and any control condition imposed
 - 2.6.4 Test/inspection results and analysis. A copy of all test/inspection results and analysis to include the following: